

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001856.D
 Acq On : 07 Jul 2015 04:21
 Operator : TP/UM
 Sample : G2860-18 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K3

Quant Time: Jul 07 07:11:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	57174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	226422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	134587	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	307996	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	357900	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	357501	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	6531	1.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3481	1.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	5107	1.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5037	1.43	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1898	1.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2464	1.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	5333	1.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	3445	0.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	15050	1.51	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	19437	1.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1304	0.71	ng/ul	0.00
57) Fluorene-d10	15.31	176	16006	1.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1343	0.71	ng/ul	0.00
70) Anthracene-d10	17.16	188	23727	1.65	ng/ul	0.00
78) Pyrene-d10	19.46	212	26257	1.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	25125	1.59	ng/ul	0.00

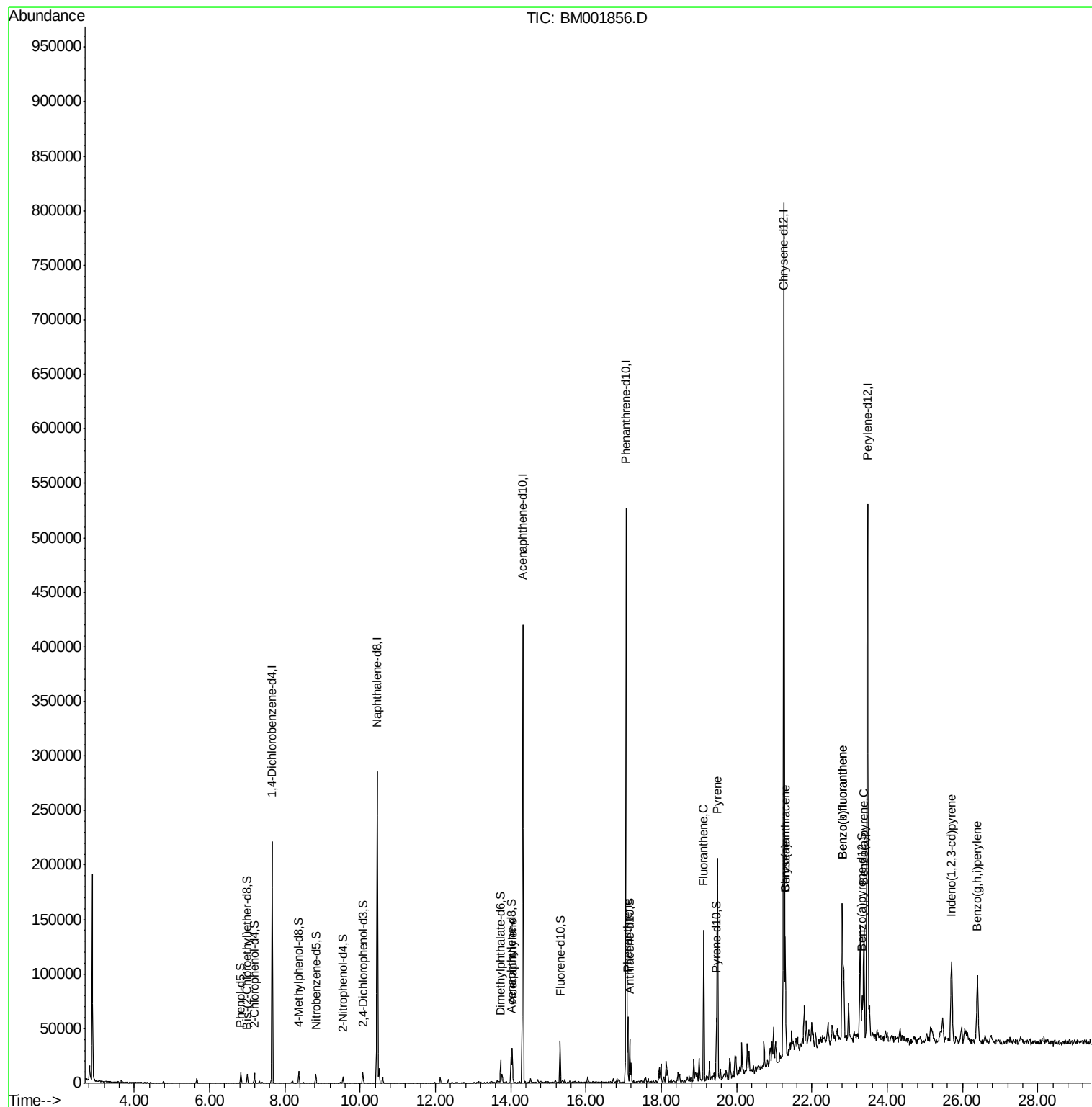
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
47) Acenaphthylene	14.04	152	26267	1.97	ng/ul	99
69) Phenanthrene	17.10	178	36603	2.19	ng/ul	99
76) Fluoranthene	19.12	202	83810	4.20	ng/ul	99
79) Pyrene	19.49	202	126144	6.35	ng/ul	98
82) Benzo(a)anthracene	21.29	228	68238	3.26	ng/ul	96
84) Chrysene	21.29	228	68238	3.44	ng/ul	99
87) Benzo(b)fluoranthene	22.81	252	107787	5.18	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	30107	1.50	ng/ul	98
90) Benzo(a)pyrene	23.37	252	70680	3.49	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.70	276	78578	3.27	ng/ul	96
93) Benzo(g,h,i)perylene	26.40	276	77101	3.82	ng/ul#	96

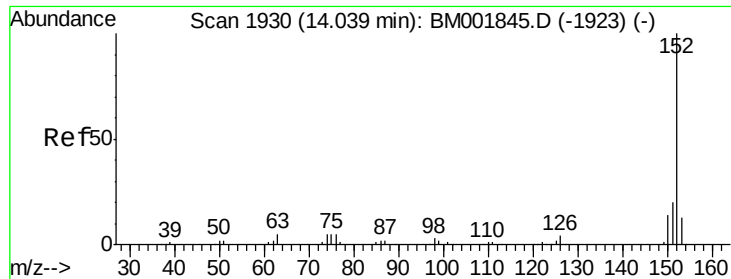
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Acenaphthylene

Concen: 1.97 ng/ul

RT: 14.04 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BM001856.D

Acq: 07 Jul 2015 04:21

Instrument :

BNA_M

ClientSampleId :

G93K3

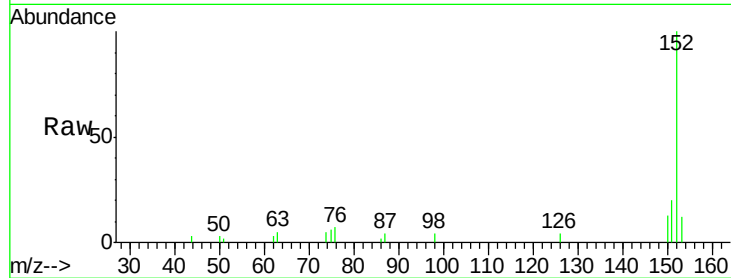
Tgt Ion:152 Resp: 26267

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

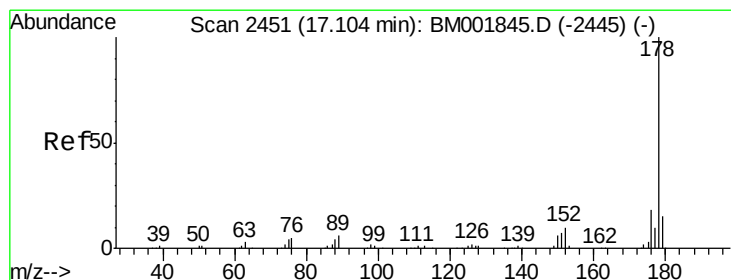
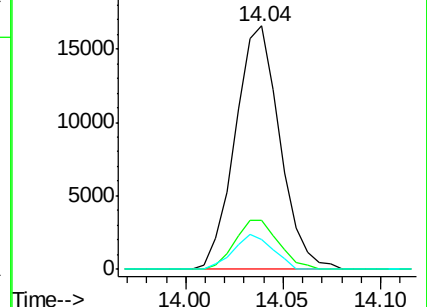
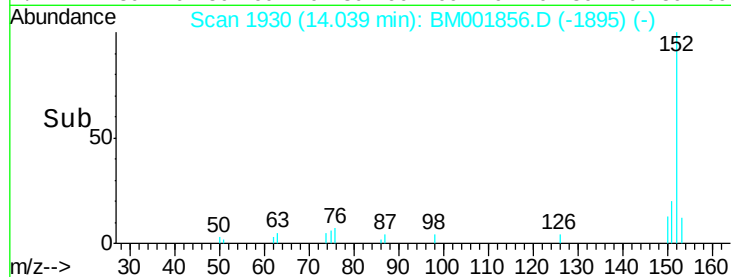
153 12.3 10.0 15.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 2.19 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM001856.D

Acq: 07 Jul 2015 04:21

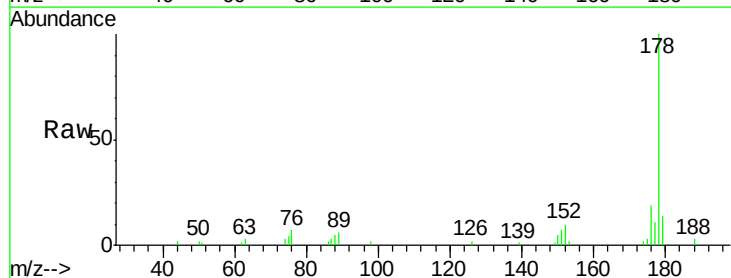
Tgt Ion:178 Resp: 36603

Ion Ratio Lower Upper

178 100

179 14.3 11.9 17.9

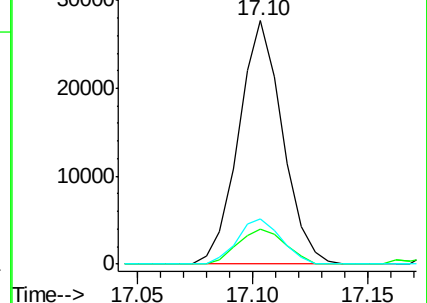
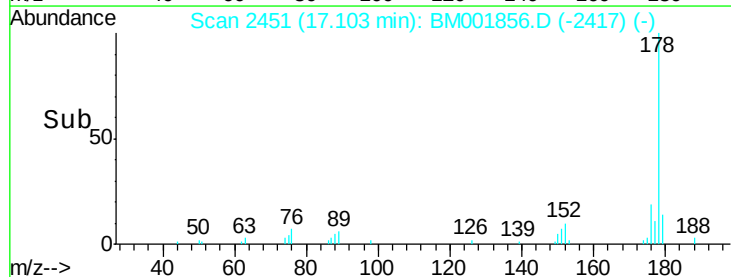
176 18.6 15.2 22.8

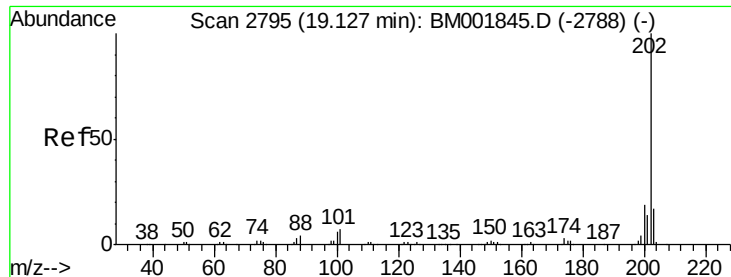


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

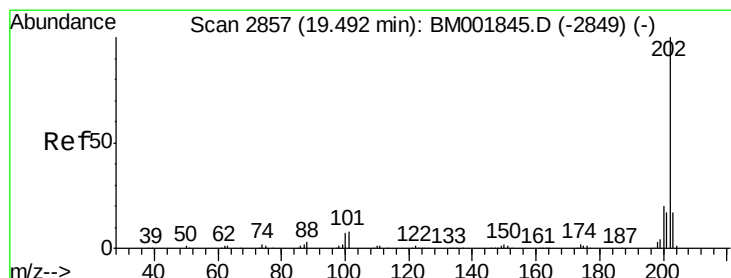
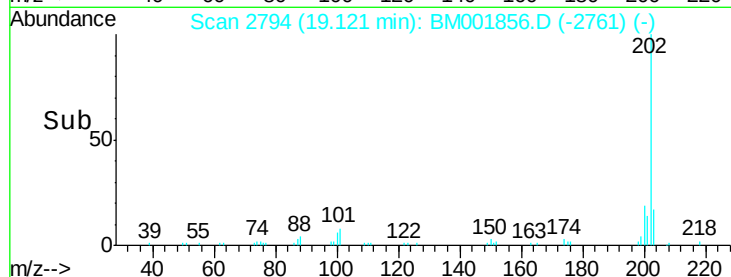
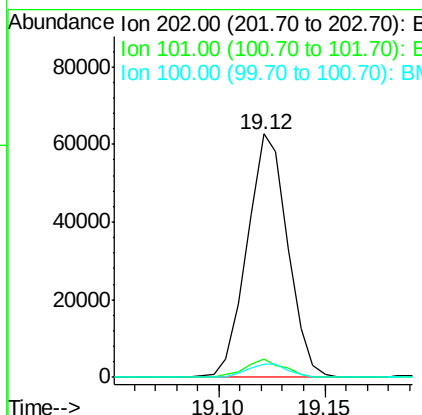
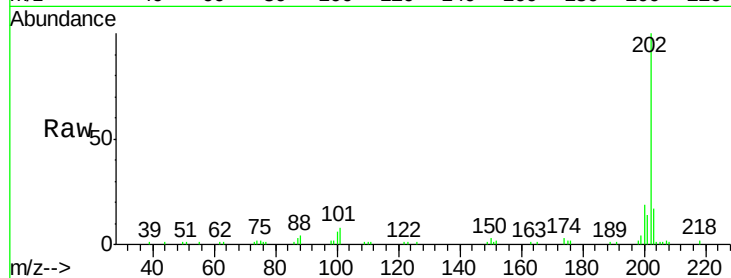




#76
Fluoranthene
Concen: 4.20 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

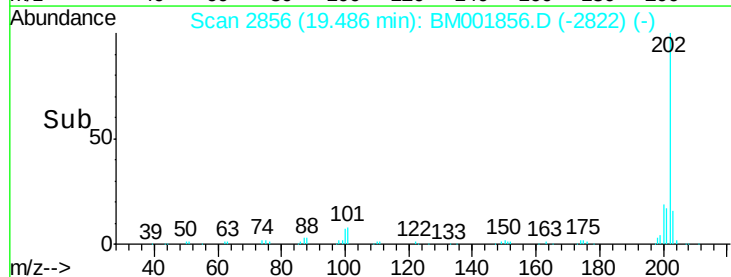
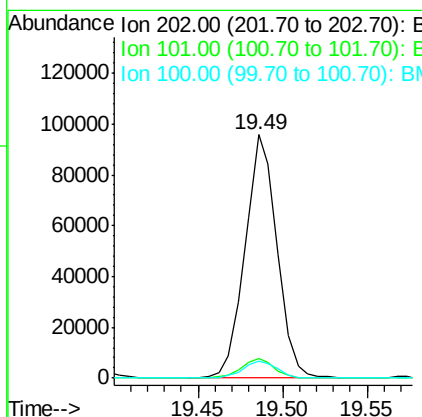
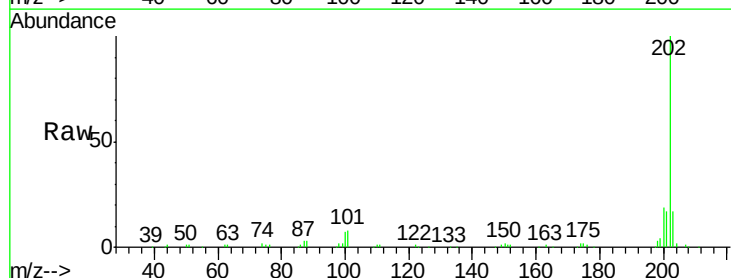
Instrument :
BNA_M
ClientSampleId :
G93K3

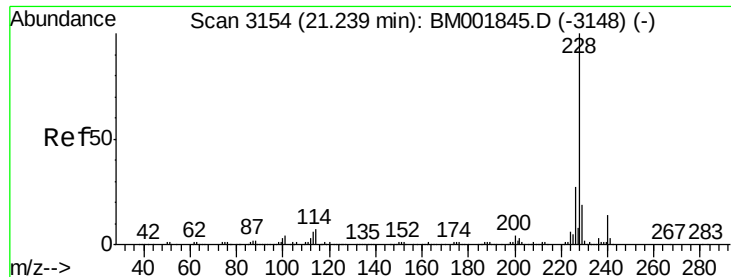
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.1	9.1
100	5.6	4.8	7.2



#79
Pyrene
Concen: 6.35 ng/ul
RT: 19.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.9	10.3
100	6.8	6.2	9.2

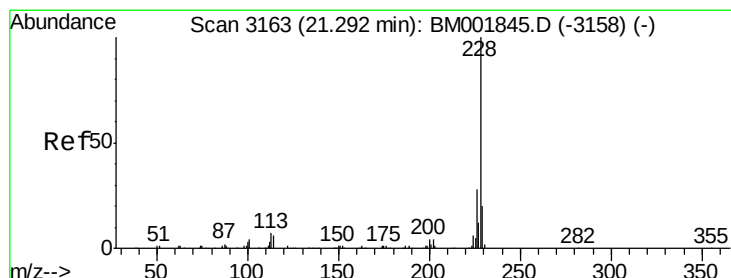
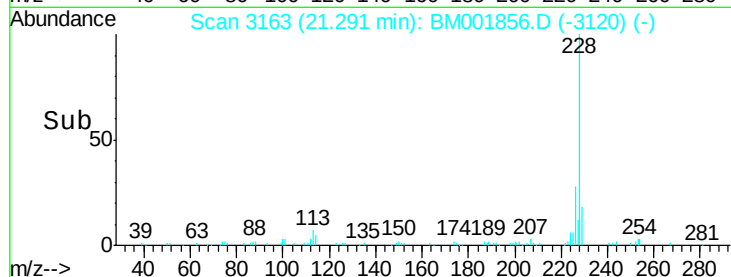
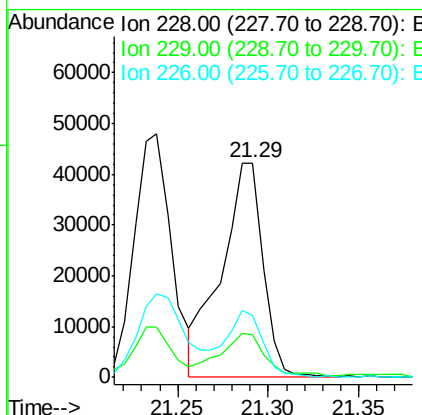
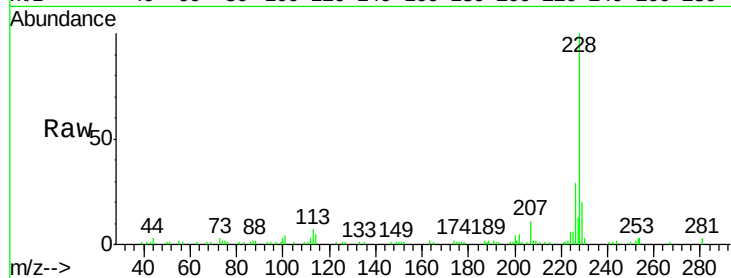




#82
Benzo(a)anthracene
Concen: 3.26 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.05 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

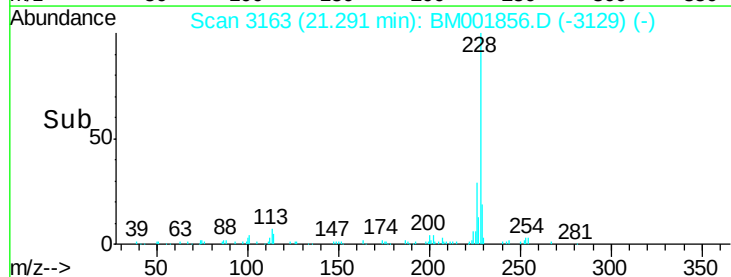
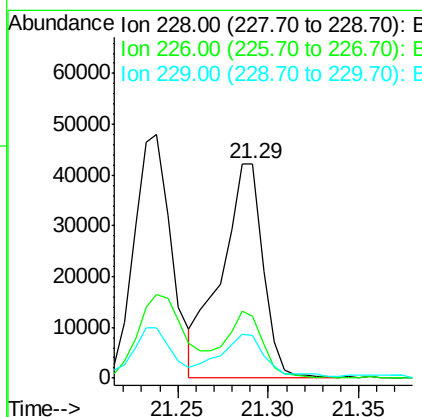
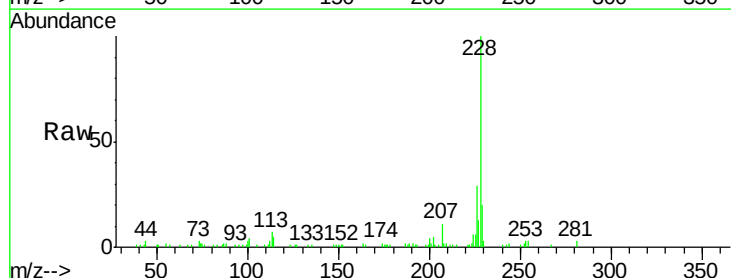
Instrument :
BNA_M
ClientSampleId :
G93K3

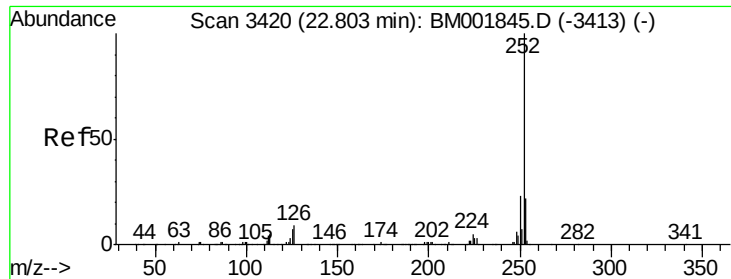
Tgt Ion:228 Resp: 68238
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.0
226 28.5 20.6 30.8



#84
Chrysene
Concen: 3.44 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

Tgt Ion:228 Resp: 68238
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.4
229 19.7 15.4 23.2

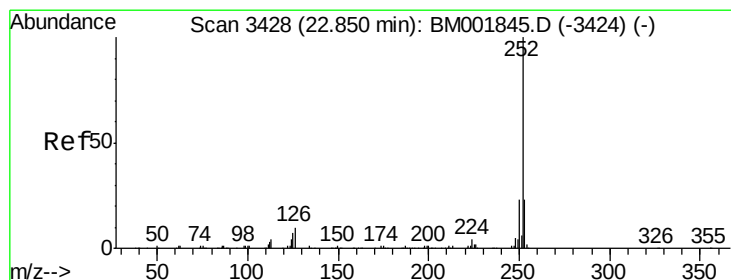
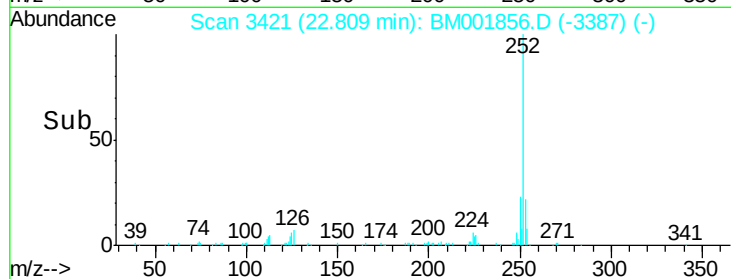
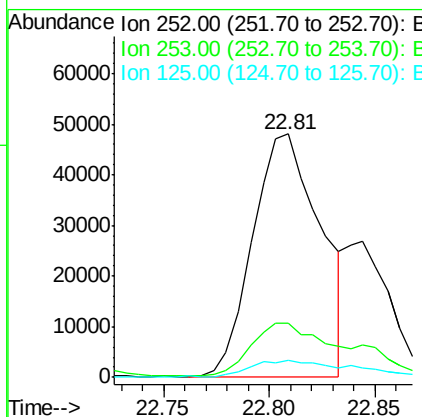
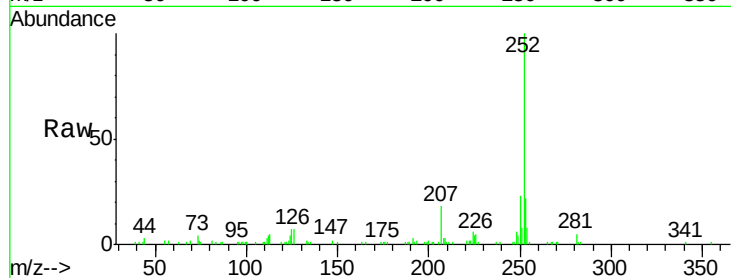




#87
Benzo(b)fluoranthene
Concen: 5.18 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

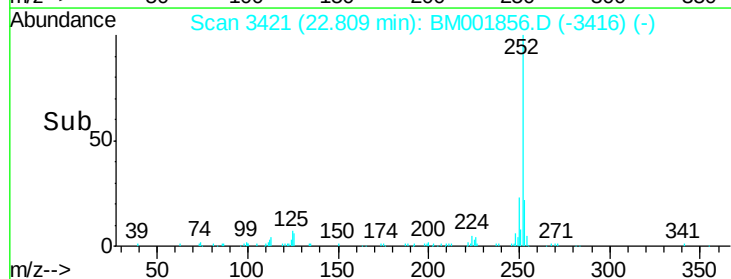
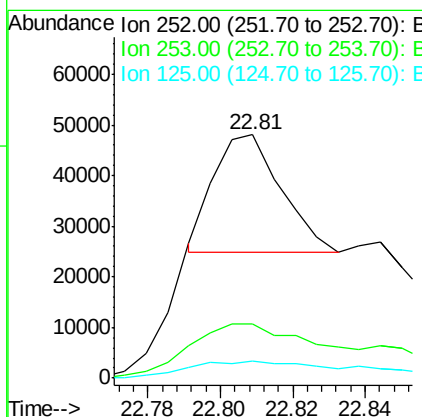
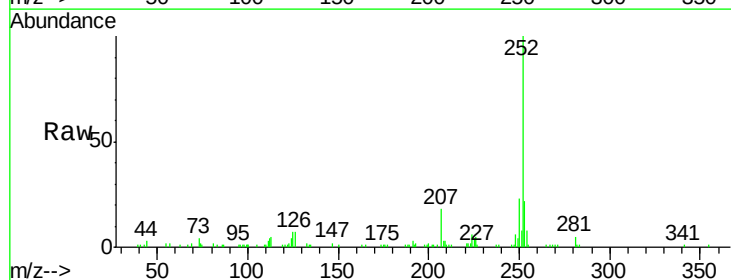
Instrument :
BNA_M
ClientSampleId :
G93K3

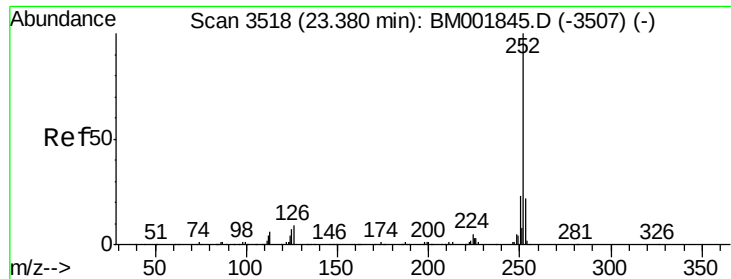
Tgt Ion:252 Resp: 107787
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 7.0 5.3 7.9



#88
Benzo(k)fluoranthene
Concen: 1.50 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.04 min
Lab File: BM001856.D
Acq: 07 Jul 2015 04:21

Tgt Ion:252 Resp: 30107
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 7.0 5.3 7.9





#90

Benzo(a)pyrene

Concen: 3.49 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001856.D

Acq: 07 Jul 2015 04:21

Instrument :

BNA_M

ClientSampleId :

G93K3

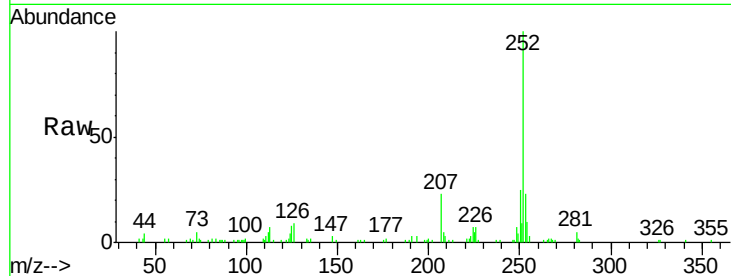
Tgt Ion:252 Resp: 70680

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

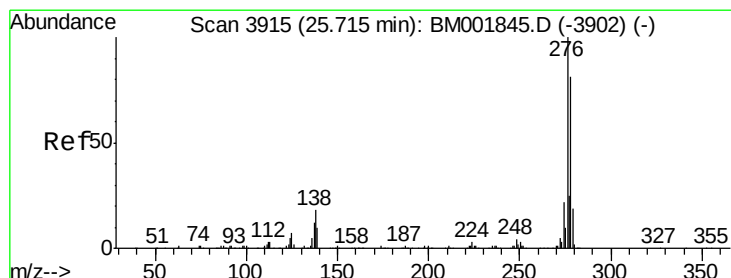
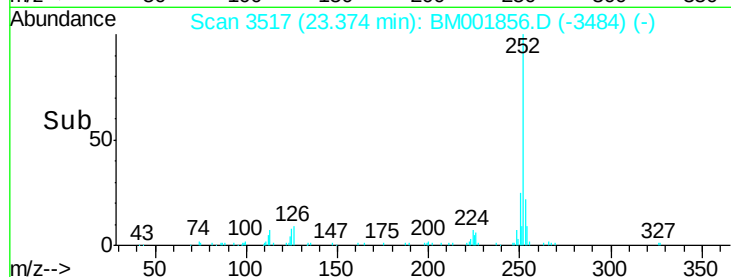
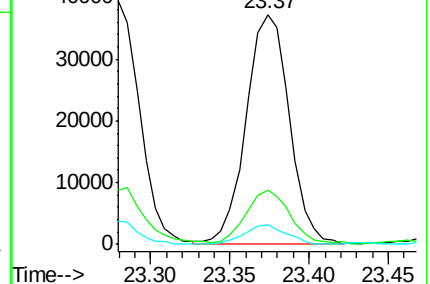
125 8.3 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.27 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM001856.D

Acq: 07 Jul 2015 04:21

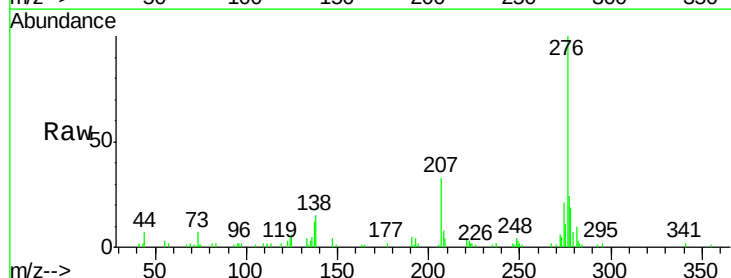
Tgt Ion:276 Resp: 78578

Ion Ratio Lower Upper

276 100

138 14.9 14.7 22.1

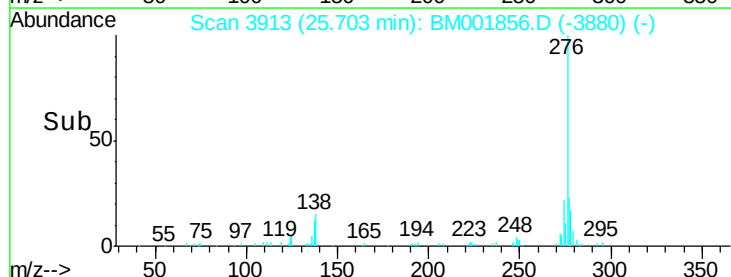
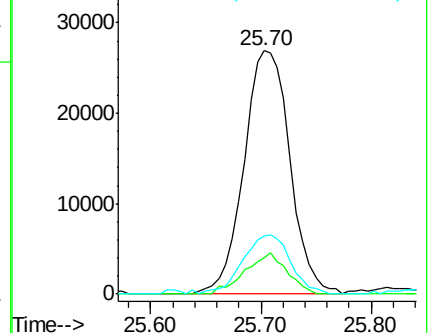
277 23.8 19.7 29.5

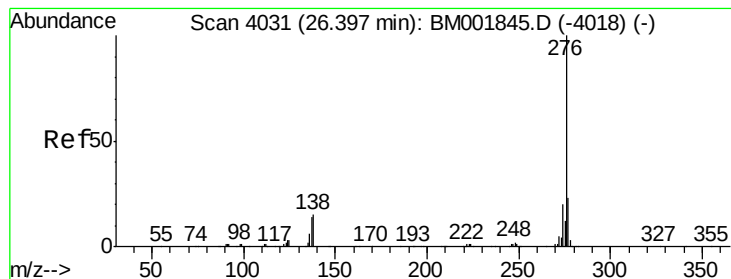


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 3.82 ng/ul

RT: 26.40 min Scan# 4031

Delta R.T. -0.01 min

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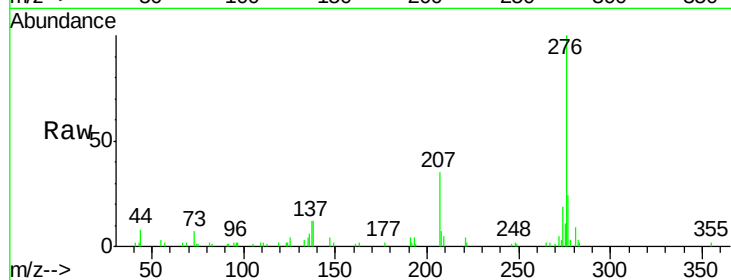
Tgt Ion:276 Resp: 77101

Ion Ratio Lower Upper

276 100

138 11.6 12.6 19.0#

277 23.6 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

